



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 9
75 Hawthorne Street
San Francisco, CA 94105-3901

IN THE MATTER OF:

Casmalia Disposal Site
Santa Barbara County, California

Proceeding under Section 122(g)(4)
of the Comprehensive Environmental
Response, Compensation, and
Liability Act of 1980, as amended,
42 U.S.C. § 9622(g)(4)

U.S. EPA Docket No. 99-02(a)

ADMINISTRATIVE ORDER
ON CONSENT
DE MINIMIS CONTRIBUTORS

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I. JURISDICTION

1. This Administrative Order on Consent ("Consent Order," "Order," or "Settlement") is issued pursuant to the authority vested in the President of the United States by Section 122(g)(4) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986, Pub. L. No. 99-499 ("CERCLA"), 42 U.S.C. § 9622(g)(4), to reach settlements in actions under Sections 106 and 107 of CERCLA, 42 U.S.C. §§ 9606 and 9607.. The authority vested in the President has been delegated to the Administrator of the United States Environmental Protection Agency ("U.S. EPA") by Executive Order 12580, 52 Fed. Reg. 2923 (January 29, 1987), and further delegated to the Regional Administrators of U.S. EPA by Delegation No. 14-14-E (issued May 11, 1994, amended by memorandum May 19, 1995). Within Region IX, this authority has been delegated to the Waste Management Division Director by Regional Order No. 1290.21-A, entitled "De Minimis Settlements," dated November 23, 1998. This Consent Order is also entered into pursuant to the authority of the United States on behalf of the United States Department of Interior ("DOI"), on behalf of the United States Fish and Wildlife Service ("FWS"), the United States Department of Commerce ("Commerce"), on behalf of the National Oceanic and Atmospheric Administration ("NOAA"), and the United States Department of the Air Force ("Air Force"), all of whom, by Executive Order 12580, as amended by Executive Order 13016, 61 Fed. Reg. 45872 (August 30, 1996), have been delegated with the authority vested in the President as Federal Trustees for natural resources that may have been, or in the future may be, injured by the release of hazardous substances at or from the Casmalia Resources Hazardous Waste Management Facility.

2. This Consent Order is issued to the persons, corporations or other entities identified in Appendix A ("Respondents") and the departments, agencies and instrumentalities of the United States identified in Appendix B ("Settling Federal Agencies"). Each Respondent and Settling Federal Agency ("Settling Party") agrees to undertake all actions required by this Consent Order.

1 Each Settling Party further consents to and will not contest the United States' jurisdiction to
2 issue this Consent Order or to implement or enforce its terms.

3 3. The United States and Settling Parties ("Parties") agree that the actions undertaken by
4 Settling Parties in accordance with this Consent Order do not constitute an admission of any
5 liability by any Settling Party. Settling Parties do not admit, and retain the right to controvert in
6 any subsequent proceedings other than proceedings to implement or enforce this Consent Order,
7 the validity of the Statement of Facts or the Determinations contained in Sections IV (Statement
8 of Facts) and V (Determinations), respectively, of this Consent Order.

9 **II. STATEMENT OF PURPOSE**

10 4. By entering into this Consent Order, the mutual objectives of the Parties, as more
11 precisely described in the terms of this Consent Order, are:

- 12 a. to reach a final settlement among the Parties with respect to the former Casmalia
13 Resources Hazardous Waste Management Facility (more precisely defined as
14 "Site," below), pursuant to Section 122(g) of CERCLA, 42 U.S.C. § 9622(g) ("De
15 minimis settlements"), that allows Settling Parties to make a cash payment,
16 including a premium, to resolve their alleged civil liability under Sections 106 and
17 107 of CERCLA, 42 U.S.C. §§ 9606 and 9607, and Section 7003 of RCRA, 42
18 U.S.C. § 6973, for injunctive relief with regard to the Site, and for response costs
19 and, for some parties, Natural Resource Damages, incurred and to be incurred at
20 or in connection with the Site, thereby reducing litigation relating to the Site;
- 21 b. to provide Settling Parties with two options for resolution of such liability:
22 Settlement Option A, for which the Settling Parties pay a greater premium and
23 that affords greater finality (including, for example, a covenant not to sue for
24 Natural Resource Damages and for response costs incurred and to be incurred by
25 the Federal Trustees at or in connection with the Site); and Settlement Option B,
26 for which the Settling Parties pay a lower premium and that contains less finality
27

1 and greater risks for the Settling Parties. The terms of Options A and B are more
2 fully described within.

- 3
4 c. to resolve the claims of the Respondents that could have been asserted against the
5 United States with regard to the Site;
6
7 d. to simplify any remaining administrative and judicial enforcement activities
8 concerning the Site by eliminating a substantial number of potentially responsible
9 parties ("PRPs") from further involvement at the Site;
10
11 e. to obtain settlement with Settling Parties for their fair share of response costs
12 incurred and to be incurred at or in connection with the Site by U.S. EPA and by
13 private parties (and with respect to Settling Parties that elect Settlement Option A,
14 response costs incurred by the Federal Trustees); and
15
16 f. and to provide for contribution protection for Settling Parties with regard to the
17 Site pursuant to Sections 113(f)(2) and 122(g)(5) of CERCLA. 42 U.S.C. §§
18 9613(f)(2) and 9622(g)(5).

19 III. DEFINITIONS

20 5. Unless otherwise expressly provided herein, terms used in this Consent Order,
21 including the attached appendices, that are defined in CERCLA or in regulations promulgated
22 under CERCLA shall have the meaning assigned to them in the statute or regulations. Whenever
23 the terms listed below are used in this Consent Order, the following definitions shall apply:

24 "Air Force" shall mean the United States Department of the Air Force and any
25 successor departments, agencies, or instrumentalities of the United States.

26 "CERCLA" shall mean the Comprehensive Environmental Response,
27 Compensation, and Liability Act of 1980, as amended, 42 U.S.C. §§ 9601, et seq.

28 "Commerce" shall mean the United States Department of Commerce and any
successor departments, agencies, or instrumentalities of the United States.

"Consent Order" or "Order" shall mean this Administrative Order on Consent and

1 all appendices attached hereto. In the event of conflict between this Order and any
2 appendix, the Order shall control.

3 "Day" shall mean a calendar day. In computing any period of time under this
4 Order, where the last day would fall on a Saturday, Sunday, or a federal holiday, the
5 period shall run until the close of business on the next working day.

6 "DOI" shall mean the United States Department of the Interior and any successor
7 departments, agencies, or instrumentalities of the United States.

8 "Escrow Account" shall mean the escrow account for the Site, which was
9 established pursuant to the Consent Decree entered by the United States District Court for
10 the Central District of California on June 23, 1997 in United States of America v. ABB
11 Vetco Gray Inc. et al., Civ. No. CV 96-6518-RAP (JGx) ("Casmalia Consent Decree").
12 The Escrow Account holds money collected, inter alia, from this and other settlements
13 and enforcement activities, and which shall be used for response actions at and
14 concerning the Site.

15 "Escrow Trustee" shall mean the trustee of the Escrow Account.

16 "Federal Trustees" shall mean DOI, Commerce, and the Air Force.

17 "Interest" shall mean interest at the current rate specified for interest on
18 investments of U.S. EPA Hazardous Substance Superfund established by 26 U.S.C.
19 § 9607, compounded annually on October 1 of each year, in accordance with 42 U.S.C.
20 § 9607(a).

21 "Natural Resources" shall have the meaning provided in Section 101(16) of
22 CERCLA, 42 U.S.C. § 9601(16).

23 "Natural Resource Damages" means damages, including costs of damages
24 assessment, recoverable under Section 107 of CERCLA, 42 U.S.C. § 9607, for injury to,
25 destruction of, or loss of any and all Natural Resources at the Site.

1 "Paragraph" shall mean a portion of this Consent Order identified by an Arabic
2 numeral.

3 "Parties" shall mean the United States, on behalf of the Federal Trustees, U.S.
4 EPA and the Settling Parties.

5 "RCRA" shall mean the Solid Waste Disposal Act, as amended, 42 U.S.C. §§
6 6901 et seq. (also known as the Resource Conservation and Recovery Act).

7 "Respondents" shall mean those persons, corporations, or other entities listed in
8 Appendix A in connection with the facility or facilities specified therein.

9 "Section" shall mean a portion of this Consent Order identified by a Roman
10 numeral.

11 "Settling Federal Agencies" shall mean those departments, agencies or
12 instrumentalities of the United States Government listed in Appendix B in connection
13 with the facility or facilities specified therein.

14 "Settling Parties" shall mean both the "Respondents" listed in Appendix A and
15 the "Settling Federal Agencies" listed in Appendix B.

16 "Site" shall mean the former Casmalia Resources Hazardous Waste Management
17 Facility ("facility"), encompassing approximately 252 acres, located approximately ten
18 (10) miles southwest of Santa Maria and one and a half miles north of Casmalia in Santa
19 Barbara County, California, and depicted generally on the map attached at Appendix C.
20 Site shall also include the areal extent of contamination that is presently located in the
21 vicinity of the Casmalia facility and all suitable areas in very close proximity to the
22 contamination necessary for the implementation of the response action(s) and any areas to
23 which such contamination migrates.

24 "United States" shall mean the United States of America, including its
25 departments, agencies and instrumentalities.

26 "U.S. EPA" shall mean the United States Environmental Protection Agency and
27

1 any successor departments, agencies or instrumentalities.

2 "U.S. EPA Hazardous Substance Superfund" shall mean the Hazardous Substance
3 Superfund established by the Internal Revenue Code, 26 U.S.C. § 9507.

4 **IV. STATEMENT OF FACTS**

5 6. Paragraphs 7 through 25 below contain a summary of the Site background as alleged
6 by U.S. EPA which, for purposes of this Consent Order, the Settling Parties neither admit nor
7 deny:

8 7. The Site encompasses (among other areas, as defined above) the former Casmalia
9 Resources Hazardous Waste Management Facility, an inactive commercial hazardous waste
10 treatment, storage, and disposal facility, which accepted large volumes of hazardous substances
11 from 1973 to 1989. Located on a 252-acre parcel in Santa Barbara County, California, the
12 former Casmalia Resources Hazardous Waste Management Facility consists of six landfills,
13 numerous surface impoundments, disposal trenches, injection wells, waste spreading areas and
14 tank treatment systems.

15 8. The location of the Site is near the southern end of the Casmalia Hills in the Santa
16 Maria Basin of coastal California, approximately ten (10) miles southwest of the town of Santa
17 Maria and one and a half miles north of the town of Casmalia. The now defunct facility is
18 situated within the Shuman Canyon drainage sub-basin on a southern facing slope traversed by
19 three small canyons. Casmalia Creek, about 500 feet west, is the surface water body nearest to
20 the abandoned facility. This creek flows to the southwest to join Shuman Creek about one mile
21 southwest of the town of Casmalia. Shuman Creek continues southward and westward,
22 discharging eventually into the Pacific Ocean.

23 9. Hazardous substances within the definition of Section 101(14) of CERCLA, 42 U.S.C.
24 § 9601(14), have been, or are threatening to be, released into the environment at or from the Site.
25 These hazardous substances include a wide variety of organic and inorganic compounds.

26 10. During the facility's sixteen (16) years of operation, the owner(s)/operator(s)

1 accepted approximately 4.453 billion pounds of documented liquid and solid wastes from
2 thousands of generators, including numerous large and small private businesses and federal,
3 state, and local governmental entities.

4 11. From 1980 to 1989, the facility had interim status pursuant to the Resource
5 Conservation and Recovery Act ("RCRA"), 42 U.S.C. § 6925(e), by operation of law. Because
6 of continuing deficiencies in facility operations, no final RCRA permit was granted. The facility
7 has not been closed adequately in accordance with the requirements of RCRA.

8 12. In late 1989, the owner(s)/operator(s) ceased accepting off-Site waste shipments to
9 the facility and, in the early 1990s, the owner(s)/operator(s) stopped all active efforts to properly
10 close and remediate the facility, asserting that they had insufficient monies to pay for closure or
11 remediation.

12 13. The facility's closure fund, the RCRA Closure/Postclosure Fund, set aside by the
13 facility's owner(s)/operator(s) as financial assurance to meet RCRA requirements, is insufficient
14 to pay for the costs of closure and post-closure activities at the Site.

15 14. After the facility's owner(s)/operator(s) ceased accepting off-Site waste, the
16 owner(s)/operator(s) curtailed facility maintenance activities, and Site conditions deteriorated and
17 became unstable.

18 15. As a result of the release or threatened release of hazardous substances, U.S. EPA has
19 undertaken response actions at or in connection with the Site under Section 104 of CERCLA, 42
20 U.S.C. § 9604, and will undertake response actions in the future. In August 1992, U.S. EPA
21 commenced a removal action under CERCLA to implement certain Site stabilization actions,
22 prevent further deterioration of Site conditions, and control the most immediate threats. The Site
23 continues to pose an imminent and substantial endangerment within the meaning of Section 106
24 of CERCLA, 42 U.S.C. § 9606, and Section 7003 of RCRA, 42 U.S.C. § 6973.

25
26 16. In performing these response actions, U.S. EPA has incurred and will continue to
27 incur response costs at or in connection with the Site. As of August 1, 1999, U.S. EPA has

1 incurred at least \$19.19 million in response costs at this Site.

2 17. Because the owner(s)/operator(s) have failed to perform sufficient closure and
3 remediation activities at the Site, in March 1993, U.S. EPA, under CERCLA and RCRA
4 authorities, notified a group of approximately sixty-five (65) waste generators, representing some
5 of the parties that arranged for disposal of the largest quantities of hazardous substances at the
6 Site, of their potential liability for Site remediation. Approximately fifty (50) of the first sixty-
7 five (65) notified generators formed the Casmalia Steering Committee ("CSC"). U.S. EPA
8 negotiated with the CSC and other PRPs to secure implementation of response actions at or in
9 connection with the Site.

10 18. On September 17, 1996, the United States filed a complaint against the CSC pursuant
11 to Sections 106 and 107 of CERCLA, 42 U.S.C. §§ 9606 and 9607, and Section 7003 of RCRA,
12 42 U.S.C. § 6973, seeking cleanup of the facility and payment of certain response costs incurred
13 by the U.S. EPA and the United States Department of Justice ("U.S. DOJ") in connection with
14 the Site. On this same date, the United States lodged the Casmalia Consent Decree in the Central
15 District of California, United States District Court, resolving the claims in that complaint. On
16 June 23, 1997, the Court entered the Casmalia Consent Decree.

17 19. The Casmalia Consent Decree establishes a comprehensive framework in which to
18 address: (1) the remediation of the Site to protect public health, welfare and the environment
19 from the release or threatened release of hazardous substances at the Site; and (2) the
20 performance and financing of the response actions to be undertaken at the Site. The Casmalia
21 Consent Decree contemplates that a significant portion of the work at the Site will be paid for by
22 funds obtained through future enforcement efforts, including, but not limited to, settlements such
23 as this de minimis Consent Order, and various enforcement and settlement efforts directed
24 toward the prior owner(s)/operator(s) of the Site and other PRPs.

25 20. On December 23, 1997, the United States filed a complaint against Casmalia
26 Resources, Hunter Resources and Kenneth H. Hunter, Jr., who were former owner(s)/operator(s)
27

1 of the Site, seeking the recovery of past and future response costs associated with the Site. That
2 litigation is proceeding.

3 21. To effectuate the collection of funds from, and to provide a settlement opportunity to,
4 the de minimis PRPs associated with the Site, beginning in October 1998, U.S. EPA notified a
5 subset of these PRPs, totaling approximately 800 parties, including 32 federal government
6 agencies, of their potential liability in connection with the Site. In January, 1999, U.S. EPA
7 provided these PRPs with the opportunity to resolve their liability by entering into a proposed
8 Consent Order. In October 1999, U.S. EPA provided a revised settlement offer to these parties.
9 The Settling Parties are among those parties that received such notice and the opportunity to
10 settle. U.S. EPA intends to enter into additional settlements such as this one with other de
11 minimis PRPs in the future with respect to this Site.

12 22. Information currently known to U.S. EPA indicates that each Respondent listed on
13 Appendix A and each Settling Federal Agency listed on Appendix B arranged for disposal or
14 treatment, or arranged with a transporter for transport for disposal or treatment, of hazardous
15 substances owned or possessed by such Respondent or Settling Federal Agency, by any other
16 person or entity, at the Site, or accepted a hazardous substance for transport to the Site which was
17 selected by such Respondent or Settling Federal Agency.

18 23. Information currently known to U.S. EPA indicates that each Respondent listed on
19 Appendix A and each Settling Federal Agency listed on Appendix B contributed less than
20 2,843,000 pounds of materials containing hazardous substances to the Site, and the hazardous
21 substances contributed by each Settling Party to the Site are not significantly more toxic or of
22 significantly greater hazardous effect than other hazardous substances at the Site. The volume of
23 materials attributed by U.S. EPA to each Respondent or Settling Federal Agency is specified in
24 Appendix A or B, respectively. Appendix D, entitled Contaminants List, provides a list of
25 contaminants identified to date at the Site.

1
2
3 24. Based on current information, U.S. EPA estimates that the total response costs
4 incurred and to be incurred at or in connection with the Site by U.S. EPA and by private parties
5 is \$271.9 million. The payment required to be made by each Settling Party pursuant to this
6 Consent Order is a minor portion of this total amount. The required payment (for Settlement
7 Option A or B) for each Respondent or Settling Federal Agency is specified in Appendix A or B,
8 respectively.

9 25. Information currently known to the United States indicates the presence of one or
10 more Natural Resources at or near the Site which may have been, or which may be, injured by
11 release(s) of hazardous substances or which may have been or which may be injured by response
12 actions. U.S. EPA shall seek to coordinate assessments, investigations and planning with the
13 Federal Natural Resource Trustees pursuant to CERCLA Section 104(b)(2), 42 U.S.C.
14 9604(b)(2).

15 V. DETERMINATIONS

16 26. Based upon the Findings of Fact set forth above and on the administrative record for
17 this Site, U.S. EPA and the United States, on behalf of the Federal Trustees, have determined
18 that:

- 19 a. The Site is a "facility" as that term is defined in Section 101(9) of CERCLA, 42
20 U.S.C. § 9601(9).
21 b. Each Settling Party is a "person" as that term is defined in Section 101(21) of
22 CERCLA, 42 U.S.C. § 9601(21).
23 c. Each Settling Party is potentially liable pursuant to Section 107(a) of CERCLA,
24 42 U.S.C. § 9607(a), and is a "potentially responsible party" within the meaning
25 of Section 122(g)(1) of CERCLA, 42 U.S.C. § 9622(g)(1).
26 d. There has been an actual or threatened "release" of a "hazardous substance" at the
27 Site as those terms are defined in Section 101(22) and (14) of CERCLA, 42

1 U.S.C. § 9601(22) and (14).

- 2
- 3 e. The actual or threatened release of a hazardous substance at the Site has caused or
- 4 may cause the incurrence of response costs and may have injured, or may injure,
- 5 Natural Resources within the meaning of Section 107(a) of CERCLA, 42 U.S.C.
- 6 § 9607(a).
- 7 f. Prompt settlement is "practicable" and in the "public interest" within the meaning
- 8 of Section 122(g)(1) of CERCLA, 42 U.S.C. § 9622(g)(1).
- 9 g. As to each Settling Party, this Consent Order involves only a minor portion of the
- 10 total response costs at the Site within the meaning of Section 122(g)(1) of
- 11 CERCLA, 42 U.S.C. § 9622(g)(1).
- 12 h. The amount of hazardous substances and the toxic or other hazardous effects of
- 13 the hazardous substances contributed to the Site by each Settling Party are
- 14 minimal in comparison to other hazardous substances at the Site within the
- 15 meaning of Section 122(g)(1)(A) of CERCLA, 42 U.S.C. § 9622(g)(1)(A).

16 **VI. ORDER**

17 27. Based upon the administrative record for the Site and the Statement of Facts and the

18 Determinations set forth above, and in consideration of the promises and covenants set forth

19 herein, the following is hereby AGREED AND ORDERED:

20 **VII. SETTLEMENT OPTIONS**

21 28. Settling Parties may choose between Settlement Options A and B as set forth in this

22 Section and in Sections XII, XIII, and XV. Except where this Order specifies particular Sections

23 or Paragraphs as pertaining to Option A or B, in which case those provisions apply only to

24 Settling Parties that elect Option A or B, respectively, all other terms of this Order apply equally

25 to all Settling Parties, regardless of which settlement option they choose.

26 **29. General Description of Options**

- 27 a. As between the two settlement options, Settlement Option A is designed to

1 provide Settling Parties with a higher degree of finality and certainty. Under
2 Settlement Option A, the payment includes a premium of 100%, which covers,
3 among other risks, the risk that total response costs incurred or to be incurred at or
4 in connection with the Site by the United States, or by any private party, will
5 exceed the estimated total response costs upon which Settling Parties' payments
6 are based. Pursuant to Section XII, Settling Parties that choose Option A will
7 receive more protective covenants (including a covenant not to sue for Natural
8 Resource Damages and Federal Trustees' response costs), and these Option A
9 covenants have more limited reservations.

- 10 b. Under Settlement Option B, which offers less finality than Settlement Option A.
11 the premium is 50%. Pursuant to Section XIII, Settling Parties that choose Option
12 B do not receive a covenant not to sue for Natural Resource Damages or Federal
13 Trustees' response costs and risk liability for additional future payments.

14 30. Calculation of Payment

- 15 a Each Settling Party's payment is based on its share, by weight, of the estimated
16 total response costs incurred or to be incurred at or in connection with the Site.
17
18 b. For Settling Parties that elect Settlement Option A, U.S. EPA's cost estimate is
19 \$272,163,417. This figure includes an estimated \$271.9 million that have been or
20 will be incurred by U.S. EPA for response actions at the Site and by the CSC for
21 response actions at the Site, as required by the Casmalia Consent Decree. This
22 figure also includes an estimate of \$263,417 for certain response costs that will be
23 incurred by the Federal Trustees at the Site. A portion of the money paid by
24 Settling Parties that elect Option A will be provided to the Federal Trustees to
25 perform activities that support both the response action and the assessment of
26 potential injuries to natural resources in accordance with CERCLA Sections
27 104(b)(2), 107(f)(1) and 122(j)(2), 42 U.S.C. §§ 9604(b)(2), 9607(f)(1) and

1 9622(j)(2).

- 2
- 3 c. For Settling Parties that elect Settlement Option B, U.S. EPA's cost estimate is
- 4 \$271.9 million that have been or will be incurred by U.S. EPA for response
- 5 actions at the Site and by the CSC for response actions at the Site, as required by
- 6 the Casmalia Consent Decree. This figure does not include an estimate for any
- 7 response costs that will be incurred by the Federal Trustees.
- 8
- 9 d. Each payment amount includes a premium to cover the risks and uncertainties
- 10 associated with this settlement. The premium (100% for Option A, 50% for
- 11 Option B) is applied to each Settling Party's volumetric share of all estimated
- 12 "non-fixed Site costs" but is not applied to U.S. EPA's and the CSC's calculation
- 13 of "fixed Site response costs," which are essentially costs that have already been
- 14 incurred. Specifically, fixed Site response costs include \$16.38 million in Past
- 15 Response Costs (as defined in the Casmalia Consent Decree) incurred by the
- 16 United States between March 1, 1992 and July 22, 1997, and response costs of
- 17 \$2.81 million incurred by the United States between July 23, 1997 and August 1,
- 18 1999 (the date U.S. EPA selected as the "cutoff" for the calculation of costs that
- 19 have already been incurred for purposes of the cost estimate used for this Order
- 20 and future enforcement efforts). Fixed Site response costs also include response
- 21 costs of \$13.68 million incurred by the CSC for response actions between April
- 22 1993 and August 1998 for Phase 1 Work in accordance with the Casmalia
- 23 Consent Decree. U.S. EPA's and the CSC's fixed response costs together total
- 24 \$32.86 million. Under either settlement option the premium is not assessed
- 25 against this \$32.86 million. Under either settlement option, the premium is
- 26 applied to U.S. EPA's and the CSC's "non-fixed" estimated Site response costs,
- 27 or estimated response costs incurred and to be incurred at the Site after August 1,
- 28 1999. This amount totals \$239.07 million. Under Option A, the 100% premium

is also applied to estimated non-fixed Site response costs of \$263,417 to be incurred by the Federal Trustees, described in subparagraph b, above.

e. The mathematical formula for calculating each Settling Party's payment amount under Option A is as follows:

Your Company or Organization's		Non-Fixed Site Response		Natural Resources			
<u>Waste Quantity</u>	X	Costs	+	Trustees' Costs	X	Premium (100%)	
Total Site		\$239.07				2.0	
Waste Quantity		Million		\$263,417			
4.453 Billion lbs.							
							Payment Amount
			+		=		

Your Company or Organization's		Fixed Site Response			
<u>Waste Quantity</u>					[No Premium Assessed]
Total Site	X	Costs	X		
Waste Quantity		\$32.86 Million			
4.453 Billion lbs.					

f. The mathematical formula for calculating each Settling Party's payment amount under Option B is as follows:

Your Company or Organization's		Non-Fixed Site Response		
<u>Waste Quantity</u>	X	Costs	X	Premium (50%)
Total Site		\$239.07		1.5
Waste Quantity		Million		
4.453 Billion lbs.				
			+	= Payment Amount
Your Company or Organization's		Fixed Site Response		
<u>Waste Quantity</u>	X	Costs	X	[No Premium Assessed]
Total Site		\$32.86 Million		
Waste Quantity				
4.453 Billion lbs.				

g. Each Settling Party's payment amount for Settlement Option A is set forth in Column A opposite that Settling Party's name on Appendix A, for Respondents, and Appendix B, for Settling Federal Agencies. Each Settling Party's payment amount for Settlement Option B is set forth in Column B opposite that Settling Party's name on Appendix A, for Respondents, and Appendix B, for Settling Federal Agencies.

VIII. PAYMENT

31. Signature and Payment by Respondents

a. Each Respondent shall, by December 6, 1999 at 5:00 p.m. Pacific Standard Time, remit to U.S. EPA a fully and properly executed original signature page for this

1 Consent Order, electing either Settlement Option A or Settlement Option B, and
2 shall pay to the Escrow Account the payment specified for that Respondent in the
3 appropriate column (i.e., Column A for Option A, Column B for Option B)
4 opposite that Respondent's name in Appendix A in accordance with the
5 instructions provided in Paragraph 34(a).

- 6 b. U.S. EPA retains the discretionary and unreviewable authority to extend in
7 writing the deadline for submitting signature pages and payments by individual
8 Respondents.

9
10 32. Signature and Payment by Settling Federal Agencies

- 11 a. Within a reasonable time after receipt of this Consent Order, but no later than
12 December 6, 1999 each Settling Federal Agency shall send a fully and properly
13 executed original signature page, electing either Settlement Option A or
14 Settlement Option B, for this Consent Order to:

15 Casmalia Case Team
16 U.S. EPA Region IX
75 Hawthorne Street (WST-1A)
San Francisco, California 94105-3901

- 17 b. As soon as reasonably practicable after the effective date of this Consent Order,
18 the United States, on behalf of the Settling Federal Agencies, shall pay the
19 amounts specified for the Settling Federal Agencies in Appendix B, based on the
20 Settling Federal Agencies' elections of Settlement Options A or B, in one or more
21 payment(s). Such payment(s) shall be made and evidence of such payment(s)
22 shall be sent as provided in Paragraph 34(b).

23 33. The Parties to this Consent Order recognize and acknowledge that the payment
24 obligations of the Settling Federal Agencies under this Consent Order can only be paid from
25 appropriated funds legally available for such purpose. Nothing in this Consent Order shall be
26 interpreted or construed as a commitment or requirement that any Settling Federal Agency
27

1 obligate or pay funds in contravention of the Anti-Deficiency Act, 31 U.S.C. § 1341, or any other
2 applicable provision of law.

3 34. Payment Provisions

- 4 a. Payment by Respondents. With respect to each Respondent's payment, payment
5 shall be made by one of the following methods:

6 (i) By Cashier's or Certified Check

7 Mail a cashier's check or certified check, made payable to "BTCO. as
8 Custodian for Casmalia Resources Site" to the following address: P.O.
9 Box 13248 (Lbox #13248), Newark, NJ 07101. Enclose with your check
10 the completed Payment Invoice.

11 (ii) By Wire Transfer

12 Wire funds to:
13 Bankers Trust Co.
14 c/o Mr. Paul Dispenza
4 Albany Street, New York, NY 10006
15 ABA/Locator#: 021-001-033
Acct #: 01-419-647
16 REF: Casmalia Resources Site Custodial Agreement
Payer: Include the name of the Settling Party exactly as it appears at the
17 top of the "Consent and Authorization" page.

18 Either form of payment shall reference the Respondent's name precisely as it
19 appears on the top of the signature page to the Consent Order. Any payments
20 received by the Escrow Account after 5:00 p.m. Pacific Standard Time will be
21 credited on the next business day. At the time of payment, each Respondent shall:
22 1) submit the signature page for the Consent Order bearing the original signature
23 of an authorized representative of Respondent; and 2) submit a copy of the
24 completed Payment Invoice to:

25 Casmalia Case Team
26 U.S. EPA Region IX
75 Hawthorne Street (WST-1A)
San Francisco, California 94105-3901

1 b. Payment by Settling Federal Agencies. The United States, on behalf of the
2 Settling Federal Agencies, shall pay the amounts specified for the Settling Federal
3 Agencies in Appendix B to the Consent Order by one or more check(s) or wire
4 transfer(s) to "Bankers Trust Co. as Custodian for Casmalia Resources Site" at the
5 addresses noted in Paragraph 34(a)(i)-(ii). At the time of payment, the United
6 States, on behalf of the Settling Federal Agencies, shall submit documentation
7 that payment of the amounts owed on behalf of the Settling Federal Agencies has
8 been made to:

9 Casmalia Case Team
10 U.S. EPA Region IX
11 75 Hawthorne Street (WST-1A)
12 San Francisco, California 94105-3901

13 35. Refunds from the Escrow Account. In the event that this Consent Order does not
14 become effective, then U.S. EPA shall direct the Escrow Trustee, within thirty (30) days of
15 receipt of notice of such event from U.S. EPA, to refund the Settling Parties' payment(s). Any
16 refunds made under this Paragraph shall include the interest accrued on the payment, if any,
17 minus a *pro rata* share of the costs of administering the Escrow Account to that date and taxes
18 payable by the Escrow Trustee.

19 36. Disqualification. If at any time prior to the effective date of this Consent Order, U.S.
20 EPA determines, in its sole and unreviewable discretion, that one or more of the statements of
21 facts made in Paragraph 23 or the determinations made in Subparagraphs 26(g) or (h) no longer
22 apply(ies) to a Settling Party, such Settling Party shall be disqualified from participation in this
23 settlement, and the Escrow Trustee shall, within thirty (30) days of receipt of written notification
24 by U.S. EPA of such disqualification, refund such Settling Party's payment.

25 IX. FAILURE BY RESPONDENTS TO MAKE TIMELY PAYMENTS

26 37. Interest on Late Payments

27 a. If a Respondent fails to remit the payment required by Paragraph 31 when due,
28 then that Respondent shall pay Interest on the unpaid balance, commencing on the

1 date that payment is due and accruing through the date of the payment.

- 2
3 b. Interest shall be paid by a separate check in the amount of the Interest owed and
4 shall be sent simultaneously with the payment required by Paragraph 31.

5 Payment of Interest shall be made and a copy of the cashier's or certified check
6 shall be sent as provided in Paragraph 34(a) (Payment Provisions).

7 **38. Stipulated Penalties and Disqualification**

- 8 a. In addition to the Interest required by Paragraph 37, if a Respondent fails to remit
9 the payment required by Paragraph 31 when due, then that Respondent shall also
10 pay stipulated penalties to U.S. EPA of \$1,000 per day for each day that the
11 payment is late.
- 12 b. Penalties shall begin to accrue from the day when payment by a Respondent is
13 due pursuant to Paragraph 31 and shall continue to accrue until all payments
14 required by this Order for that Respondent have been paid in full (e.g., when all
15 payments, Interest, and stipulated penalties are paid in full). Penalties shall accrue
16 regardless of whether U.S. EPA or the Escrow Trustee has notified the
17 Respondent of a violation.
- 18 c. Interest on penalties shall begin to accrue on the unpaid balance at the end of
19 thirty (30) days from the date that payment was due under Paragraph 31.
- 20 d. Stipulated penalties due to U.S. EPA shall be paid contemporaneously with the
21 payment of the amount required by Paragraph 31 and the Interest thereon required
22 by Paragraph 37. However, stipulated penalties, including any Interest owed on
23 the stipulated penalties pursuant to subparagraph c of this Paragraph, shall be paid
24 by a separate certified or cashier's check made payable to "U.S. EPA Hazardous
25 Substances Superfund," and shall be mailed to:

26 U.S. EPA - Region 9
27 Attn: Superfund Accounting
P.O. Box 360863M
Pittsburgh, PA 15251

1 All payments shall indicate that the payment is for stipulated penalties and shall
2 reference the name and address of the party making payment and U.S. EPA
3 Regional Site Spill ID Number 09-3H.

- 4 e. Nothing herein shall prevent the simultaneous accrual of separate penalties for
5 separate violations of this Order.
6
7 f. Notwithstanding any other provision of this Section, the United States may, in its
8 sole and unreviewable discretion, waive payment of any portion of the stipulated
9 penalties that have accrued pursuant to this Consent Order.

10 39. Alternatively, if a Respondent fails to submit its specified payment by the date
11 specified in Paragraph 31, above, instead of assessing stipulated penalties as provided in
12 Paragraph 38, U.S. EPA may determine, in its sole and unreviewable discretion, that such party
13 is disqualified from participating in the Settlement and from receiving any of its benefits. U.S.
14 EPA shall promptly return the signature page and shall direct the Escrow Trustee promptly to
15 return the payment (if any) submitted by any party whom U.S. EPA determines is disqualified
16 from participating in this Settlement.

17 40. If U.S. EPA or U.S. DOJ brings an action to enforce this Order against
18 Respondent(s), such Respondent(s) shall reimburse the U.S. EPA and/or U.S. DOJ for all costs
19 of such action, including but not limited to costs of attorney time.

20 41. Payments made under this Section shall be in addition to any other remedies or
21 sanctions available to the United States by virtue of a Respondent's failure to comply with the
22 requirements of this Order, including, but not limited to, bringing an action against that
23 Respondent seeking injunctive relief to compel payment and/or seeking civil penalties under
24 Section 122(l) of CERCLA, 42 U.S.C. § 9622(l), for failure to make timely payment.

25 **X. FAILURE BY SETTLING FEDERAL AGENCIES TO MAKE TIMELY PAYMENTS**

26 42. Interest on Late Payments

- 27 a. If the United States, on behalf of the Settling Federal Agencies, fails to remit the

1 payment(s) required by Paragraph 32 within ninety (90) days of the effective date
2 of this Order, then the United States, on behalf of the Settling Federal Agencies,
3 shall pay Interest on the unpaid balance, commencing on the ninety-first (91st) day
4 from the effective date of this Order and accruing through the date of the
5 payment(s).

- 6 b. Interest shall be paid by a separate check in the amount of the Interest owed and
7 shall be sent simultaneously with the payment required by Paragraph 32.

8 Payment of Interest shall be made and a copy of the check shall be sent as
9 provided in Paragraph 34(b).

10 43. If the full payment required of the Settling Federal Agencies is not made as soon as
11 reasonably practicable, as required by Paragraph 32, the Hazardous Waste Branch Chief of U.S.
12 EPA Office of Regional Counsel, Region IX, may raise the issue of non-payment to the
13 appropriate U.S. DOJ Assistant Section Chief for the Environmental Defense Section. In any
14 event, if this payment is not made within 120 days after the effective date of this Order, U.S.
15 EPA and U.S. DOJ have agreed that they will resolve the issue within 30 days in accordance
16 with a letter agreement dated December 28, 1998.

17 **XI. CERTIFICATION OF SETTLING PARTY**

18 44. By signing this Consent Order, each Settling Party certifies, individually, that it has
19 no reason to disagree with U.S. EPA's determinations that such Settling Party: (a) contributed
20 less than 2,843,000 pounds of waste sent to the Site; and (b) contributed waste of minimal toxic
21 or other hazardous effects in comparison to other hazardous substances at the Site. A list of
22 contaminants identified to date at the Site is attached as Appendix D.

23 **XII. COVENANT NOT TO SUE AND RESERVATIONS OF RIGHTS**

24 **BY UNITED STATES FOR SETTLEMENT OPTION A**

25 45. In consideration of the payments that will be made by Respondents that have elected
26 to settle under the provisions of Settlement Option A ("Option A Respondents") under the terms
27

1 of this Consent Order, and except as specifically provided in Paragraphs 47 and 48 (reservations
2 of rights by United States) of this Consent Order, the United States hereby covenants not to sue
3 or to take administrative action against any of the Option A Respondents pursuant to Sections
4 106 or 107 of CERCLA, 42 U.S.C. §§ 9606 or 9607, and Section 7003 of RCRA, 42 U.S.C. §
5 6973, relating to the Site, including for recovery of Natural Resource Damages and for response
6 costs incurred or to be incurred by the Federal Trustees. With respect to present and future
7 liability, this covenant shall take effect upon the effective date of this Order as set forth in
8 Section XX (Effective Date). With respect to each Option A Respondent, individually, this
9 covenant is conditioned upon: a) the satisfactory performance by Respondent of all obligations
10 under this Consent Order; and b) the veracity of any information provided to U.S. EPA by
11 Respondent relating to Respondent's involvement with the Site. This covenant extends only to
12 Option A Respondents and does not extend to any other person.

13
14 46. In consideration of the payments that will be made on behalf of Settling Federal
15 Agencies that have elected to settle under the provisions of Settlement Option A ("Option A
16 Settling Federal Agencies") under the terms of this Consent Order, and except as specifically
17 provided in Paragraphs 47 and 48 (reservations of rights by United States) of this Consent Order,
18 U.S. EPA and the United States, on behalf of the Federal Trustees, hereby covenant not to take
19 administrative action against any of the Option A Settling Federal Agencies pursuant to Sections
20 106(a) or 107(a) of CERCLA, 42 U.S.C. §§ 9606 or 9607, and Section 7003 of RCRA, 42
21 U.S.C. § 6973, relating to the Site, including for recovery of Natural Resource Damages and for
22 response costs incurred or to be incurred by the Federal Trustees. This covenant not to take
23 administrative action shall take effect with respect to each Option A Settling Federal Agency
24 identified in Appendix B upon the receipt of the payment required of the United States, on behalf
25 of that Settling Federal Agency, pursuant to Paragraph 32 of this Consent Order. With respect to
26 each Option A Settling Federal Agency, individually, this covenant is conditioned upon: a) the
27 satisfactory performance by such Settling Federal Agency of all of its obligations under this

1 Consent Order; and b) the veracity of any information provided to U.S. EPA by such Settling
2 Federal Agency relating to its involvement with the Site. This covenant extends only to Option
3 A Settling Federal Agencies, and their successors, and does not extend to any other person.

4 47. General Reservations. The covenants by the United States set forth in Paragraphs 45
5 and 46 of this Consent Order do not pertain to any matters other than those expressly specified in
6 Paragraphs 45 and 46. The United States reserves, and this Order is without prejudice to, all
7 rights against Option A Respondents, and U.S. EPA and the United States, on behalf of the
8 Federal Trustees, reserve, and this Order is without prejudice to, all rights against the Option A
9 Settling Federal Agencies, with respect to all other matters, including but not limited to:

- 10 a. liability for failure to meet a requirement of this Consent Order;
- 11 b. criminal liability;
- 12 c. as to a particular Settling Party, liability arising from any future arrangement for
13 disposal or treatment of a hazardous substance, pollutant or contaminant at the
14 Site by that Settling Party after the effective date of this Consent Order; and
- 15 d. liability arising from the past, present, or future disposal, release, or threat of
16 release of a hazardous substance, pollutant, or contaminant at the Site originating
17 from a facility owned or operated by a Settling Party and not specified in
18 Appendix A (for Respondents) or B (for Settling Federal Agencies).

19 48. Reservation Concerning De Minimis Status. Notwithstanding any other provision in
20 this Consent Order, the United States reserves, and this Consent Order is without prejudice to,
21 the right to institute judicial or administrative proceedings against any individual Option A
22 Respondent, and U.S. EPA and the United States, on behalf of the Federal Trustees, reserve the
23 right to institute administrative proceedings against any individual Option A Settling Federal
24 Agency, respectively, seeking to compel that Settling Party to perform response actions relating
25 to the Site, and/or to reimburse the United States, for additional costs of response and/or Natural
26 Resource Damages, if information not currently known to U.S. EPA is discovered that indicates
27

1 such Settling Party no longer qualifies as a de minimis party at the Site because such Settling
2 Party contributed more than 2,843,000 pounds of materials containing hazardous substances to
3 the Site, or contributed hazardous substances that are significantly more toxic or are of
4 significantly greater hazardous effect than other hazardous substances at the Site.

5 **XIII. COVENANT NOT TO SUE AND RESERVATIONS OF RIGHTS**
6 **BY UNITED STATES FOR SETTLEMENT OPTION B**

7 49. In consideration of the payments that will be made by Respondents that have elected
8 to settle under the provisions of Settlement Option B ("Option B Respondents") under the terms
9 of this Consent Order, and except as specifically provided in Paragraphs 51 through 53
10 (reservations of rights by United States) of this Consent Order, the United States hereby
11 covenants not to sue or to take administrative action against any of the Option B Respondents
12 pursuant to Sections 106 or 107 of CERCLA, 42 U.S.C. §§ 9606 or 9607, and Section 7003 of
13 RCRA, 42 U.S.C. § 6973, relating to the Site. With respect to present and future liability, this
14 covenant shall take effect upon the effective date of this Order as set forth in Section XX
15 (Effective Date). With respect to each Option B Respondent, individually, this covenant is
16 conditioned upon: a) the satisfactory performance by Respondent of all obligations under this
17 Consent Order, including, but not limited to, the obligation to make future payments pursuant to
18 Paragraph 53; and b) the veracity of any information provided to U.S. EPA by Respondent
19 relating to Respondent's involvement with the Site. This covenant extends only to Option B
20 Respondents and does not extend to any other person.

21 50. In consideration of the payments that will be made on behalf of Settling Federal
22 Agencies that have elected to settle under the provisions of Settlement Option B ("Option B
23 Settling Federal Agencies") under the terms of this Consent Order, and except as specifically
24 provided in Paragraphs 51 through 53 (reservations of rights by United States) of this Consent
25 Order, U.S. EPA hereby covenants not to take administrative action against any of the Option B
26 Settling Federal Agencies pursuant to Sections 106(a) or 107(a) of CERCLA, 42 U.S.C. §§ 9606
27

1 or 9607, and Section 7003 of RCRA, 42 U.S.C. § 6973, relating to the Site. This covenant not to
2 take administrative action shall take effect with respect to each Option B Settling Federal Agency
3 identified in Appendix B upon the receipt of the entire payment required of the United States, on
4 behalf of that Settling Federal Agency, pursuant to Paragraph 32 of this Consent Order. With
5 respect to each Option B Settling Federal Agency, individually, this covenant is conditioned
6 upon: a) the satisfactory performance by such Settling Federal Agency of all of its obligations
7 under this Consent Order, including, but not limited to, the obligation to make future payments
8 pursuant to Paragraph 53; and b) the veracity of any information provided to U.S. EPA by such
9 Settling Federal Agency relating to its involvement with the Site. This covenant extends only to
10 Option B Settling Federal Agencies, and their successors, and does not extend to any other
11 person.

12 51. General Reservations. The covenants by the United States set forth in Paragraphs 49
13 and 50 of this Consent Order do not pertain to any matters other than those expressly specified in
14 Paragraphs 49 and 50. The United States reserves, and this Order is without prejudice to, all
15 rights against Option B Respondents, and U.S. EPA and the United States, on behalf of the
16 Federal Trustees, reserve, and this Order is without prejudice to, all rights against the Option B
17 Settling Federal Agencies, with respect to all other matters, including but not limited to:

- 18 a. liability for failure to meet a requirement of this Consent Order;
- 19 b. criminal liability;
- 20 c. liability for damages for injury to, destruction of, or loss of Natural Resources,
21 and for the costs of any Natural Resource Damage assessments;
- 22 d. liability for response costs incurred or to be incurred by the Federal Trustees;
- 23 e. as to a particular Settling Party, liability arising from any future arrangement for
24 disposal or treatment of a hazardous substance, pollutant or contaminant at the
25 Site by that Settling Party after the effective date of this Consent Order; and
26 f. liability arising from the past, present, or future disposal, release, or threat of
27

1 release of a hazardous substance, pollutant, or contaminant at the Site originating
2 from a facility owned or operated by a Settling Party and not specified in
3 Appendix A (for Respondents) or B (for Settling Federal Agencies).
4

5 52. Reservation Concerning De Minimis Status. Notwithstanding any other provision in
6 this Consent Order, the United States reserves, and this Consent Order is without prejudice to,
7 the right to institute judicial or administrative proceedings against any individual Option B
8 Respondent, and the United States, on behalf of the Federal Trustees, and U.S. EPA reserve the
9 right to institute administrative proceedings against any individual Option B Settling Federal
10 Agency, respectively, seeking to compel that Settling Party to perform response actions relating
11 to the Site, and/or to reimburse the United States for additional costs of response and/or Natural
12 Resource Damages, if information not currently known to U.S. EPA is discovered that indicates
13 that such Settling Party no longer qualifies as a de minimis party at the Site because such Settling
14 Party contributed more than 2,843,000 pounds of materials containing hazardous substances to
15 the Site, or contributed hazardous substances that are significantly more toxic or are of
16 significantly greater hazardous effect than other hazardous substances at the Site.

17 53. Reservation for Increased Costs of Response Actions

18 a. An estimate of the total cost of response actions at the Site has been developed for
19 this and future de minimis settlements, enforcement activities, and other purposes
20 ("1999 Cost Estimate"). The 1999 Cost Estimate (which does not include
21 response costs to be incurred by the Federal Trustees) is \$271.9 million.

22 b. Option B Settling Parties shall be liable for, and in its unreviewable discretion
23 U.S. EPA may seek to have Option B Settling Parties pay, their volumetric share
24 of any increase in response costs if:

25 (i) after the final Record of Decision ("ROD") for the Site has been issued
26 and prior to certification of completion of the Phase 2 Work, U.S. EPA has
27 revised or approved the revision of, or the Court has approved a revision

1 of, the cost estimate for all response actions taken or to be taken at the Site
2 ("Post-ROD Cost Estimate"); and
3 (ii) the estimated total Site Response Costs have increased from the 1999
4 Cost Estimate of \$271.9 million; and
5 (iii) based on actual expenditures at the Site and expenditures reasonably
6 anticipated in accordance with the ROD, any other response action
7 decision documents, and the revised cost estimate, U.S. EPA, in its
8 unreviewable discretion, determines that the funds in the Escrow Account
9 that are available for Phase 2 Work pursuant to the Casmalia Consent
10 Decree will not be sufficient to pay for costs associated with performance
11 of the Phase 2 Work or not be sufficient to allow timely continuation of
12 such work.

- 13 c. In addition, Option B Settling Parties shall be liable for, and in its unreviewable
14 discretion U.S. EPA may seek to have Option B Settling Parties pay, their
15 volumetric share of any increase in response costs if:
16 (i) upon certification of completion of Phase 2 Work, EPA has revised, or
17 approved the revision of, the cost estimate for all response actions taken or
18 to be taken at the Site ("Post-Phase 2 Cost Estimate"); and
19 (ii) the Post-Phase 2 Cost Estimate has increased from either the 1999
20 Cost Estimate or the Post-ROD Cost Estimate, whichever is greater.
21 d. If U.S. EPA determines, in its unreviewable discretion, that it will require
22 payment of amounts derived pursuant to subparagraphs b or c, above, it shall
23 compile an administrative record to support the revised cost estimate. The record
24 shall include, but not be limited to, the Engineering Evaluation/Cost Analysis, the
25 Remedial Investigation/Feasibility Study, the ROD, any other response action
26 decision documents, standard cost documentation for response costs incurred by
27

1 the United States and a summary of response costs incurred by the CSC. The
2 administrative record shall be made available to the public at U.S. EPA Region 9,
3 Superfund Records Center, 95 Hawthorne Street, San Francisco, California
4 94105-3901.

- 5 e. After compilation of the administrative record, U.S. EPA will send a notice to all
6 Option B Settling Parties, which shall i) include the Post-ROD Cost Estimate or
7 Post-Phase 2 Cost Estimate, as applicable, and a brief summary describing and
8 supporting the cost estimate, ii) state the availability of the administrative record
9 for review, and iii) notify each Option B Settling Party of the amount it will be
10 required to pay (i.e., its volumetric share of the increased cost).
- 11 f. U.S. EPA shall have three years from the date of certification of completion of the
12 Phase 2 Work to send the notice described in subparagraph e, above, relating to an
13 increase in the Post-Phase 2 Cost Estimate described in subparagraph c, above.
- 14 g. Option B Settling Parties shall have thirty (30) days from the date of the notice
15 described in subparagraph e, above, to submit comments to U.S. EPA concerning
16 the Post-ROD Cost Estimate or the Post-Phase 2 Cost Estimate, as applicable,
17 and/or the administrative record in support of the cost estimate. Comments shall
18 be submitted to: Casmalia Case Team, 75 Hawthorne Street, San Francisco.
19 California 94105-3901. If U.S. EPA receives comments, it shall prepare a
20 response and shall place the comments and its response in the Superfund Records
21 Center at the address listed in subparagraph d, above. U.S. EPA shall send to the
22 Option B Settling Parties a notice containing the response to comments, any
23 resulting revision to the cost estimate and corresponding adjustment to each
24 Option B Settling Party's required payment amount. If no comments were
25 received, U.S. EPA shall notify the Option B Settling Parties that the prior Post-
26 ROD Cost Estimate or Post-Phase II Cost Estimate, as applicable, of which the
27

1 Settling Parties received notice pursuant to subparagraph e, above, has become
2 final, and shall make a demand for payment to each Option B Settling Party of the
3 amount set forth in such notice.

- 4
- 5 h. After U.S. EPA has responded to any comments, U.S. EPA's Post-ROD Cost
6 Estimate or Post-Phase 2 Cost Estimate, as applicable, revised if necessary
7 pursuant to subparagraph g, above, shall be considered final, unless within
8 fourteen (14) days of receipt of the response to comments, the Option B Settling
9 Parties appoint a delegation (consisting of no more than ten (10) persons) to
10 request a meeting with the U.S. EPA Region 9 Waste Management Division
11 Director. The appointed delegation may not raise to the Division Director any
12 issues that had not previously been raised by the written comments. (If U.S. EPA
13 received no comments on the initial Post-ROD or Post-Phase 2 Cost Estimate,
14 there shall be no appeal to the Division Director.) Further, the Option B Settling
15 Parties shall not challenge any fixed Site response costs included in the 1999 Cost
16 Estimate, and described in Paragraph 30, above.
- 17 i. If no meeting with the Division Director was requested pursuant to subparagraph
18 h, above, U.S. EPA shall notify the Option B Settling Parties that the prior Post-
19 ROD or Post-Phase 2 Cost Estimate, revised (if necessary) pursuant to
20 subparagraph g, above, has become final, and shall make a demand to each Option
21 B Settling Party for payment of the amount set forth in the notice sent to each
22 Option B Settling Party pursuant to subparagraph g, above.
- 23 j. If a meeting with the Division Director is held, the Division Director shall review
24 the administrative record supporting the cost estimate (including the comments
25 and responses thereto). The Division Director shall resolve the dispute(s)
26 consistent with the NCP and the terms of this Order and will issue a final written
27 administrative decision. Such decision shall be final and shall not be subject to

1 judicial review. U.S. EPA shall send the Option B Settling Parties the Division
2 Director's written decision, any necessary revision to the Post-ROD or Post-Phase
3 2 Cost Estimate, as applicable, any corresponding adjustment to each Option B
4 Settling Party's required payment amount, and a demand for payment of such
5 amount.

6 k. Option B Respondents' Manner of Payment and Failure to Make Timely Payment

7 (i) Option B Respondents shall make any additional payment(s) within
8 thirty (30) days of receipt of U.S. EPA's demand for such payment under
9 subparagraphs g, i or j, above. Payment, and notice of such payment, shall be
10 made in the manner set forth in Paragraph 34(a).

11 (ii) If an Option B Respondent fails to remit any payment(s) required by
12 subparagraph k(i), above, when due, then that Option B Respondent shall pay
13 Interest on the unpaid balance in accordance with Paragraph 37. Payment of such
14 Interest shall be made in accordance with Paragraphs 34(a) and 37.

15 (iii) In addition to Interest, such Option B Respondent shall pay stipulated
16 penalties to U.S. EPA of \$1000 per day for each day that the payment is late.
17 Penalties and Interest on such penalties shall accrue as set forth in Paragraph 38.
18 Stipulated penalties and any Interest thereon shall be paid as set forth in Paragraph
19 38.

20 (iv) Each Option B Respondent hereby agrees that the running of the
21 limitations periods in all statutes of limitations applicable to any rights, claims,
22 causes of action, counterclaims, cross claims, and defenses regarding, based upon,
23 or arising out of disposal of hazardous substances at the Site that either U.S. EPA
24 or the CSC could assert against such Option B Respondent shall be suspended for
25 a period commencing on the Effective Date of this Administrative Order on
26 Consent and terminating eighteen (18) months after the latest date upon which
27

1 final payment would be due upon a demand made under subparagraph c, above, or
2 three years after the certification of completion of Phase 2 Work if no demand has
3 been made under subparagraph c, above.

4 (v) If U.S. EPA or U.S. DOJ brings an action to enforce this Order against
5 the Option B Respondent(s), such Option B Respondent(s) shall reimburse U.S.
6 EPA and/or U.S. DOJ for all costs of such action, including but not limited to
7 costs of attorney time.

8 (vi) Payments made under this subparagraph shall be in addition to any
9 other remedies or sanctions available to the United States by virtue of Option B
10 Respondents' failure to comply with the requirements of this Order.

11 I. Option B Settling Federal Agencies' Manner of Payment and Failure to Make
12 Timely Payment

13 (i) The United States, on behalf of Option B Settling Federal Agencies,
14 shall make any required additional payment(s) as soon as reasonably practicable
15 after receipt of U.S. EPA's demand for such payment. Payment, and notice of
16 such payment, shall be made in the manner set forth in Paragraph 34(b).

17 (ii) If the United States, on behalf of Option B Settling Federal Agencies,
18 fails to remit the payment required by subparagraph I(i), above, within thirty (30)
19 days after receipt of U.S. EPA's demand for such payment, then the United States,
20 on behalf of Option B Settling Federal Agencies, shall pay Interest on the unpaid
21 balance as set forth in Paragraph 42. Interest shall be paid in the manner set forth
22 in Paragraphs 34(b) and 42.

23 (iii) If the full payment required of the Option B Settling Federal
24 Agencies is not made as soon as reasonably practicable, as required by
25 subparagraph I(i), above, the Hazardous Waste Branch Chief of U.S. EPA Office
26 of Regional Counsel, Region IX, may raise the issue of non-payment to the
27

1 appropriate U.S. DOJ Assistant Section Chief for the Environmental Defense
2 Section. In any event, if this payment is not made within 120 days after the
3 effective date of this Order, U.S. EPA and U.S. DOJ have agreed that they will
4 resolve the issue within 30 days in accordance with a letter agreement dated
5 December 28, 1998.

6 (iv) Each Option B Settling Federal Agency hereby agrees that the running
7 of the limitations periods in all statutes of limitations applicable to any rights,
8 claims, causes of action, counterclaims, cross claims, and defenses regarding,
9 based upon, or arising out of disposal of hazardous substances at the Site that
10 either U.S. EPA or the CSC could assert against such Option B Settling Federal
11 Agency shall be suspended for a period commencing on the Effective Date of this
12 Administrative Order on Consent and terminating eighteen (18) months after the
13 latest date upon which final payment would be due upon a demand made under
14 subparagraph c, above, or three years after the certification of completion of Phase
15 2 Work if no demand has been made under subparagraph c, above.

16 m. Duty to Inform U.S. EPA of Changes in Address or Legal Status. Until eighteen
17 (18) months after the latest date upon which final payment would be due upon a
18 demand made under subparagraph c, above, or three years after the certification of
19 completion of Phase 2 Work if no demand has been made under subparagraph c,
20 above, each Option B Settling Party shall notify the Casmalia Case Team of any
21 change in address, ownership, political configuration, or corporate or other legal
22 status. Such notice shall be sent to the Casmalia Case Team address provided in
23 Paragraph 34, above.

24 **XIV. COVENANT NOT TO SUE BY RESPONDENTS**

25 54. Except as provided in Paragraph 56(c), Respondents covenant not to sue and agree
26 not to assert any claims or causes of action against the United States or its contractors or
27

employees with respect to the Site or this Consent Order including, but not limited to:

- a. any direct or indirect claim for reimbursement from U.S. EPA Hazardous Substance Superfund based on Sections 106(b)(2), 107, 111, 112, or 113 of CERCLA, 42 U.S.C. §§ 9606(b)(2), 9607, 9611, 9612, or 9613, or any other provision of law;
- b. any claims arising out of response activities at the Site; and
- c. any claim pursuant to Sections 107 and 113 of CERCLA, 42 U.S.C. §§ 9607 and 9613, relating to the Site.

55. Nothing in this Consent Order shall be deemed to constitute preauthorization or approval of a claim within the meaning of Section 111 of CERCLA, 42 U.S.C. § 9611, or 40 C.F.R. § 300.700(d).

56. Settling Parties covenant not to sue and agree not to assert any claims or causes of action with regard to the Site pursuant to Sections 107 and 113 of CERCLA, 42 U.S.C. §§ 9607 and 9613, against:

- a. any other Settling Party;
- b. any PRPs (Federal or non-Federal) that U.S. EPA may in the future designate as "de micromis" consistent with U.S. EPA's Revised Guidance on CERCLA Settlements with De Micromis Waste Contributors (June 3, 1996) and/or other applicable guidance;
- c. any other PRP (Federal or non-Federal) for a period of thirty (33) months after the effective date of this Order, at which time Respondents may assert claims or causes of action against any non-de micromis PRPs that have not settled their liability for the Site; or
- d. any of the defendants in United States v. ABB Vetco Gray Inc., Civ. No. 96-6518-KMW (JGx), that are parties to the Casmalia Consent Decree entered in that action on June 23, 1997.

1 **XV. EFFECT OF SETTLEMENT/CONTRIBUTION PROTECTION**

2 57. Nothing in this Consent Order shall be construed to create any rights in, or grant any
3 cause of action to, any person not a Party to this Consent Order. Except as otherwise provided in
4 Paragraph 56, the United States and Respondents each reserve any and all rights (including, but
5 not limited to, any right to contribution), defenses, claims, demands and causes of action that
6 each Party may have with respect to any matter, transaction, or occurrence relating in any way to
7 the Site against any person not a Party hereto.

8 58. In any subsequent administrative or judicial proceeding initiated by the United States
9 for injunctive relief, Natural Resource Damages, recovery of response costs or other relief
10 relating to the Site, Settling Parties shall not assert, and may not maintain, any defense or claim
11 based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion, claim-
12 splitting, or other defenses based upon any contention that the claims raised in the subsequent
13 proceeding were or should have been brought in the instant action; provided, however, that
14 nothing in this Paragraph affects the enforceability of the covenants included in Paragraphs 45
15 (Covenant Not to Sue Option A Settling Respondents), 46 (Covenant Not to Sue Option A
16 Settling Federal Agencies), 49 (Covenant Not to Sue Option B Respondents) or 50 (Covenant
17 Not to Sue Option B Settling Federal Agencies), as applicable.

18 59. The Parties agree that each Settling Party is entitled, as of the effective date of this
19 Consent Order, to protection from contribution actions or claims as provided by Sections
20 113(f)(2) and 122(g)(5) of CERCLA, 42 U.S.C. §§ 9613(f)(2) and 9622(g)(5), for "matters
21 addressed" in this Consent Order.

- 22 a. For Option A Settling Parties, the "matters addressed" in this Consent Order are
23 all response actions taken by the United States and by private parties, and all
24 response costs incurred and to be incurred by the United States and by private
25 parties, at or in connection with the Site and Natural Resource Damages at or
26 relating to the Site; provided, however, that for Option A Settling Parties, the
27

1 "matters addressed" in this Consent Order do not include those response costs or
2 response actions as to which the United States has reserved its rights under this
3 Consent Order (except for claims for failure to comply with this Order), in the
4 event that the United States asserts rights against Settling Parties coming within
5 the scope of such reservations.

- 6
7 b. For Option B Settling Parties, the "matters addressed" in this Consent Order are
8 all response actions taken by the United States, except the Federal Trustees, and
9 by private parties, and all response costs incurred and to be incurred by the United
10 States, except the Federal Trustees, and by private parties, at or in connection with
11 the Site; provided, however, that for Option B Settling Parties, the "matters
12 addressed" in this Consent Order do not include those response costs or response
13 actions as to which the United States has reserved its rights under this Consent
14 Order (except for claims for failure to comply with this Order), in the event that
15 the United States asserts rights against Settling Parties coming within the scope of
16 such reservations. In addition, for Option B Settling Parties, the "matters
17 addressed" in this Consent Order do not include Natural Resource Damages.

18 60. The Settling Parties agree that with respect to any suit or claim for contribution
19 brought by them for matters related to this Consent Order, that is not otherwise prohibited by
20 Paragraph 56, they will notify U.S. EPA in writing at the following address no later than sixty
21 (60) days prior to the initiation of such suit or claim:

22 Chief, Hazardous Waste Branch
23 Office of Regional Counsel
24 U.S. Environmental Protection Agency
25 75 Hawthorne Street (ORC-3)
26 San Francisco, CA 94105-3901

27 The Settling Parties further agree that they will notify U.S. EPA no later than thirty (30) days
28 prior to filing a motion for summary judgment and not later than sixty (60) days prior to trial
concerning any such suit or claim.

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XVI. PARTIES BOUND

61. This Consent Order shall apply to and be binding upon U.S. EPA, the United States, on behalf of the Federal Trustees, and upon Respondents and their heirs, successors and assigns. Any change in ownership, political configuration, or corporate or other legal status of a Respondent, including, but not limited to, any transfer of assets or real or personal property, shall in no way alter such Respondent's responsibilities under this Consent Order. Each signatory to this Consent Order certifies that he or she is authorized to enter into the terms and conditions of this Consent Order and to bind legally the Party represented by him or her.

62. This Consent Order shall apply to and be binding upon U.S. EPA, the Federal Trustees, and upon Settling Federal Agencies. Each signatory to this Consent Order represents that he or she is authorized to enter into the terms and conditions of this Order and to bind legally the federal department, agency or instrumentality represented by him or her.

XVII. INTEGRATION/APPENDICES

63. This Consent Order and its appendices constitute the final, complete and exclusive agreement and understanding among the Parties with respect to the settlement embodied in this Consent Order. The Parties acknowledge that there are no representations, agreements or understandings relating to the settlement other than those expressly contained in this Consent Order. The following appendices are attached to and incorporated into this Consent Order:

"Appendix A" is the list of Respondents.

"Appendix B" is the list of Settling Federal Agencies.

"Appendix C" is a map of the Site.

"Appendix D" is a list of contaminants identified to date at the Site.

XVIII. PUBLIC COMMENT

64. This Consent Order shall be subject to a public comment period of not less than thirty (30) days pursuant to Section 122(i) of CERCLA, 42 U.S.C. § 9622(i), and Section 7003 of RCRA, 42 U.S.C. § 6973. Commenters may request an opportunity for a public hearing in the

1 affected area, in accordance with Section 7003(d) of RCRA, 42 U.S.C. § 6973(d). In accordance
2 with Section 122(i)(3) of CERCLA, 42 U.S.C. § 9622(i)(3), U.S. EPA or the United States, on
3 behalf of the Federal Trustees, may withdraw or modify consent to this Consent Order if
4 comments received disclose facts or considerations which indicate that this Consent Order is
5 inappropriate, improper or inadequate.

6 **XIX. ATTORNEY GENERAL APPROVAL**

7 The Attorney General or her designee has approved the settlement embodied in this
8 Consent Order in accordance with Section 122(g)(4) of CERCLA, 42 U.S.C. § 9622(g)(4).

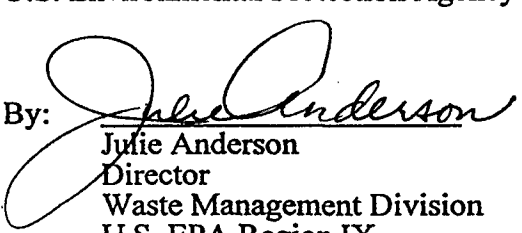
9 **XX. EFFECTIVE DATE**

10 65. The effective date of this Consent Order shall be the date upon which U.S. EPA
11 issues written notice to Settling Parties and the Section Chief of the Environmental Defense
12 Section of the Department of Justice that the public comment period pursuant to Paragraph 64 of
13 this Order has closed and that comments received, if any, do not require modification of or
14 withdrawal from this Consent Order by U.S. EPA or the United States, on behalf of the Federal
15 Trustees.

16 IT IS SO AGREED AND ORDERED:

17 U.S. Environmental Protection Agency

18
19 By:

20 
21 Julie Anderson
Director
Waste Management Division
U.S. EPA Region IX


22 United States, on behalf of the Federal Trustees
23

24 By:

25 Lois J. Schiffer
26 Assistant Attorney General
Environment and Natural Resources Division
27 U.S. Department of Justice

United States, on behalf of the Federal Trustees

By:



Lois J. Schiffer

Assistant Attorney General
Environment and Natural Resources
Division
U.S. Department of Justice

Casmalia Disposal Site-ii-EPA Region IX AOC No. 99-02(a)

CONSENT AND AUTHORIZATION

Customer of Casmalia Resources Disposal Site

Customer of Casmalia Resources Disposal Site ("Settling Party"), by the duly authorized representative named below, hereby consents to this Administrative Order on Consent and agrees to be bound by the terms and conditions hereof.

AGREED THIS _____ DAY OF _____, 1999

By: _____
(Signature)

By: _____
(Print or Type Name)

Please elect either Settlement Option A or B by checking the appropriate box:

☐ *I elect to settle subject to the terms and conditions of Settlement Option A.*

☐ *I elect to settle subject to the terms and conditions of Settlement Option B.*

Please check the following box, if appropriate:

☐ *Enclosed is a completed Financial Review Application. **

**This enclosure will not be incorporated into the Consent Order.*